

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137739.D
 Acq On : 26 Apr 2024 17:21
 Operator : CG\JU
 Sample : P2271-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 18:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	261062	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1003773	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	558849	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	943497	20.000	ng	0.00
76) Chrysene-d12	14.245	240	487546	20.000	ng	-0.01
86) Perylene-d12	15.821	264	535412	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1680491	97.782	ng	0.00
7) Phenol-d6	6.669	99	2128201	97.515	ng	0.00
23) Nitrobenzene-d5	7.622	82	1275104	67.432	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	591801	104.944	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2455184	65.645	ng	-0.01
79) Terphenyl-d14	13.186	244	2523216	83.300	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.622	178	209981	4.204	ng	97
75) Fluoranthene	12.816	202	391759	7.463	ng	99
78) Pyrene	13.045	202	271995	6.797	ng	99
81) Benzo(a)anthracene	14.239	228	70509	2.073	ng	99
83) Chrysene	14.274	228	78245	2.463	ng	97
84) Bis(2-ethylhexyl)phtha...	14.210	149	61924	2.889	ng	96
88) Benzo(b)fluoranthene	15.345	252	76966m	2.246	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

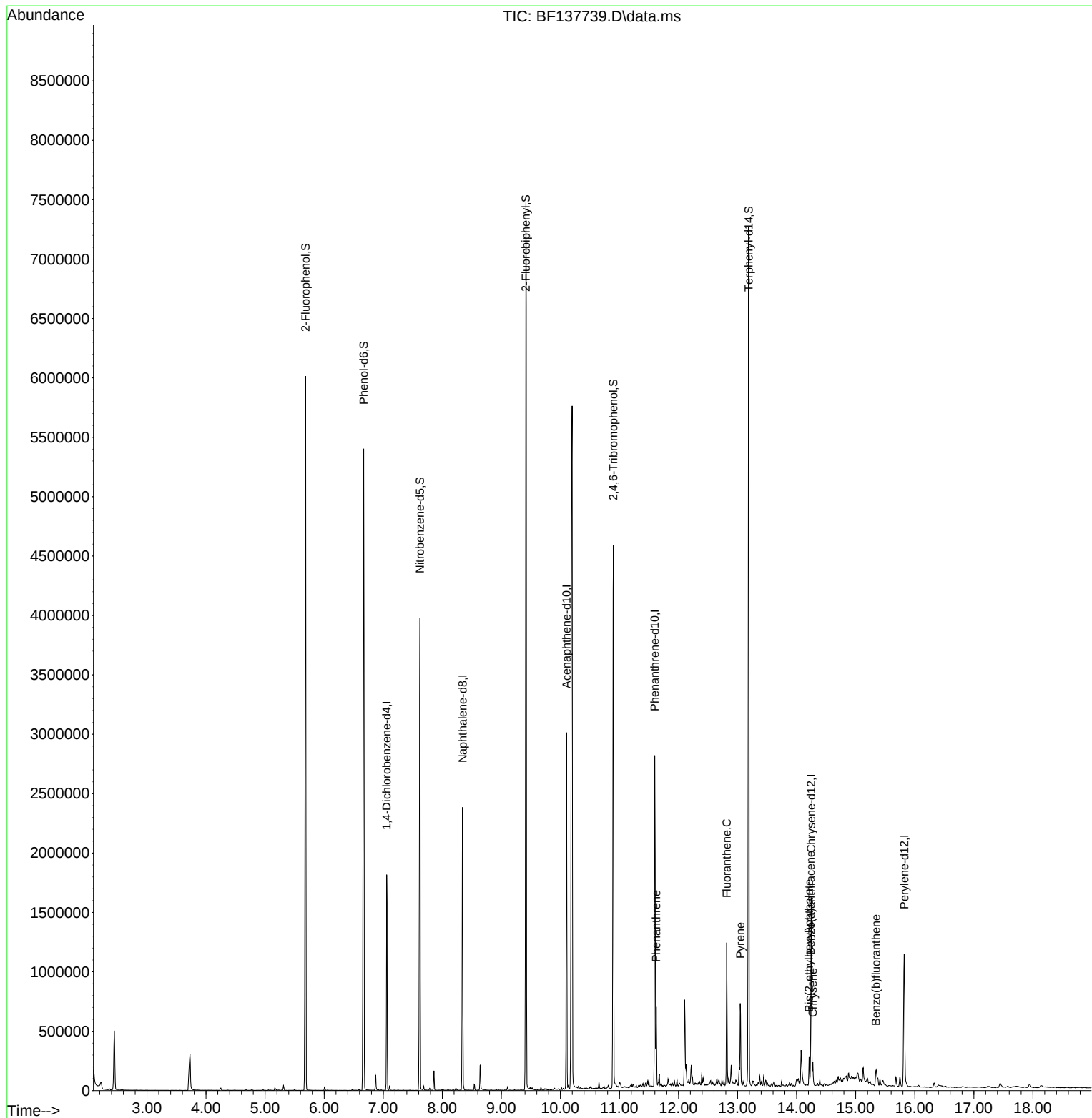
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137739.D
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Operator : CG\JU
Sample : P2271-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

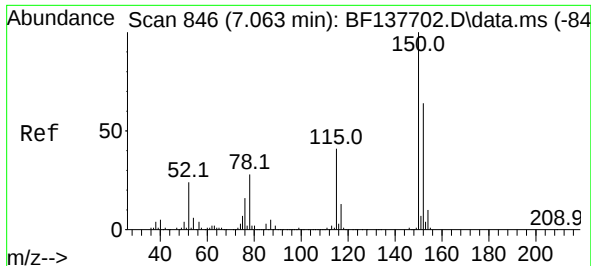
Instrument :
BNA_F
ClientSampleId :
RT-3860

Quant Time: Apr 26 18:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
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Manual Integrations
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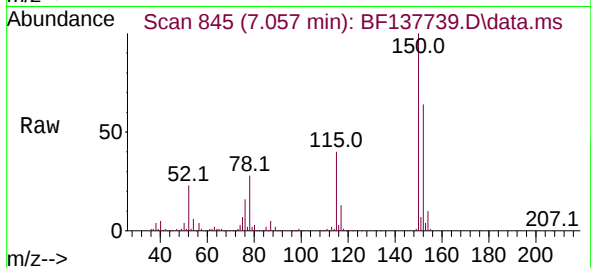
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

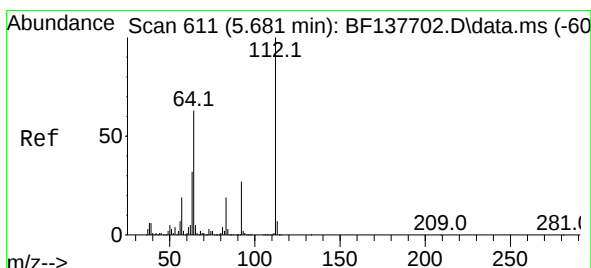
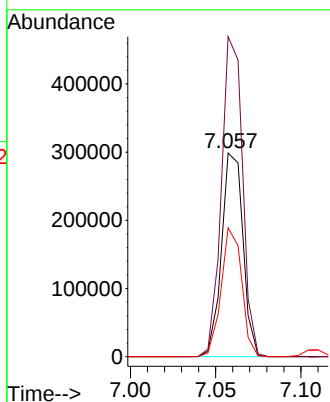
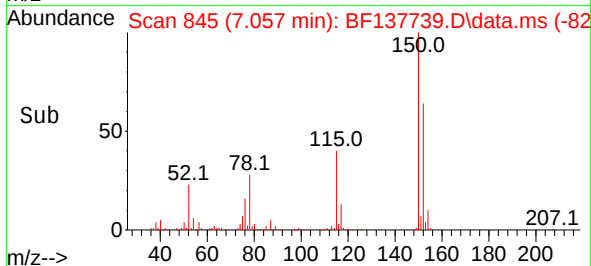
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:152 Resp: 261062
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.4
115 63.3 50.8 76.2

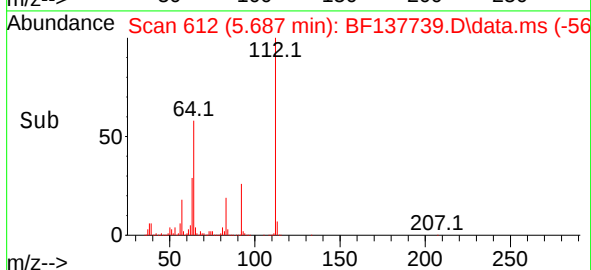
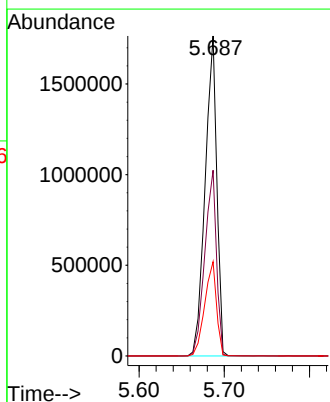
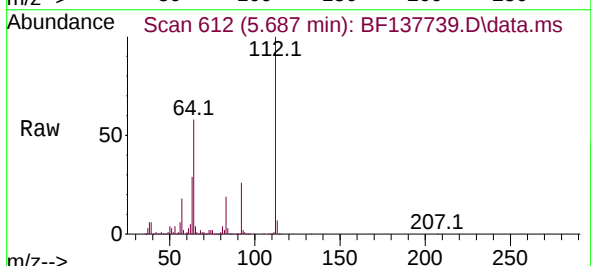
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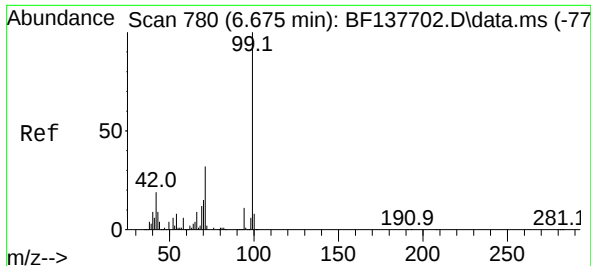
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#5
2-Fluorophenol
Concen: 97.782 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

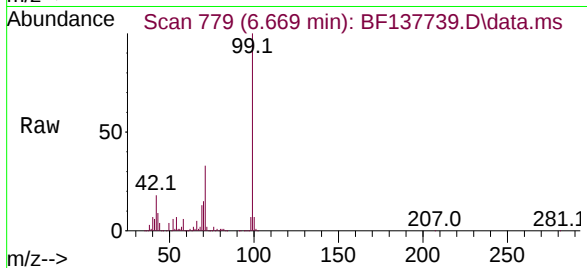
Tgt Ion:112 Resp: 1680491
Ion Ratio Lower Upper
112 100
64 58.1 50.1 75.1
63 29.4 25.2 37.8





#7
Phenol-d6
Concen: 97.515 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

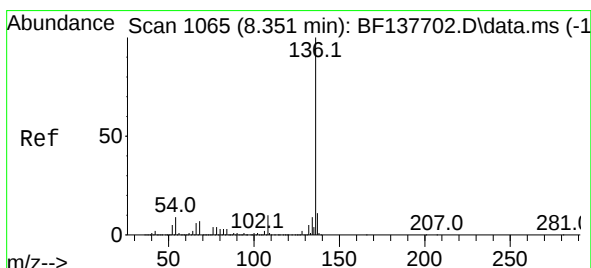
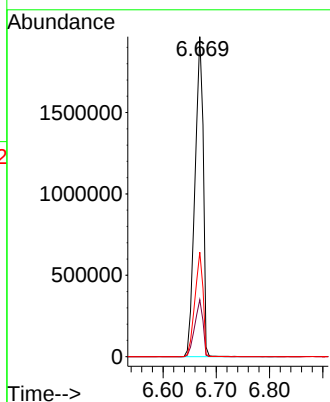
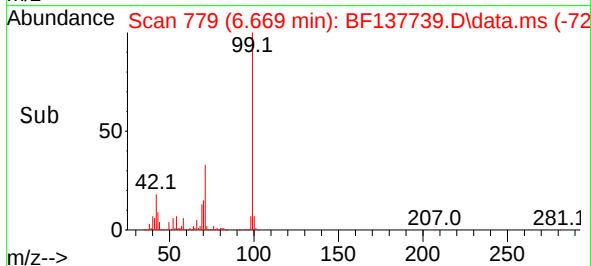
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion: 99 Resp: 212820
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 32.7 25.7 38.5

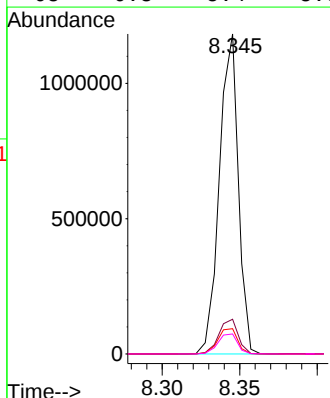
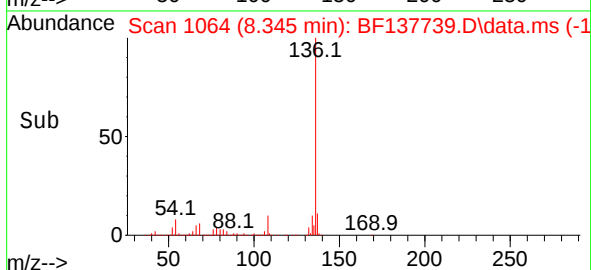
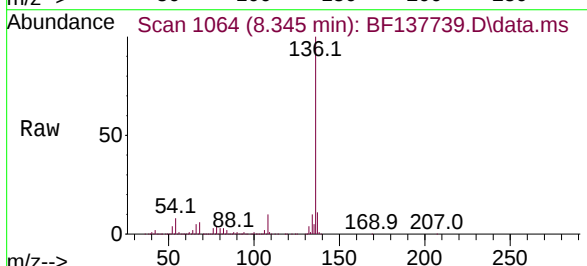
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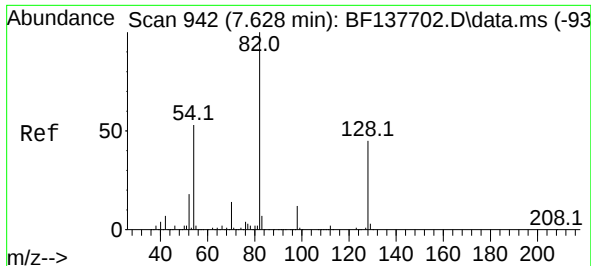
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

Tgt Ion:136 Resp: 1003773
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.9 10.3
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 67.432 ng

RT: 7.622 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Instrument :

BNA_F

ClientSampleId :

RT-3860

Tgt Ion: 82 Resp: 1275104

Ion Ratio Lower Upper

82 100

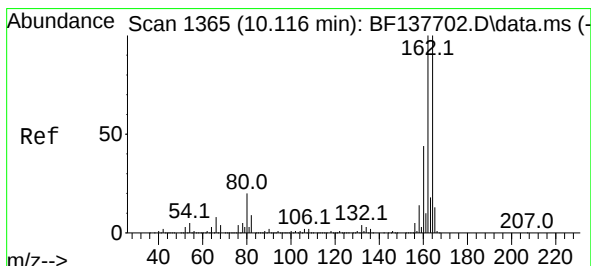
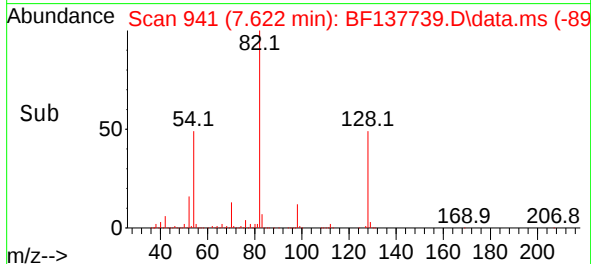
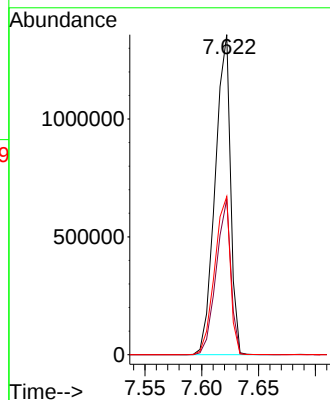
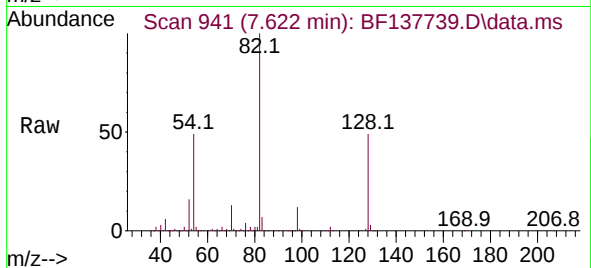
128 48.6 35.8 53.6

54 49.4 42.5 63.7

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Supervised By :mohammad ahmed 04/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

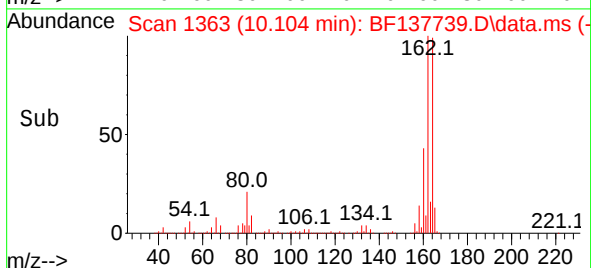
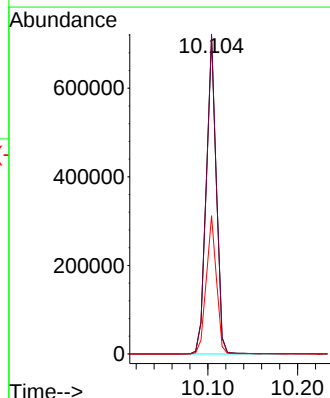
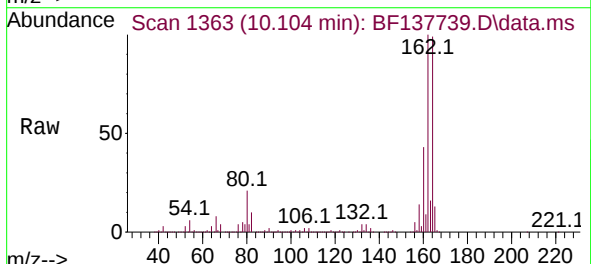
Tgt Ion:164 Resp: 558849

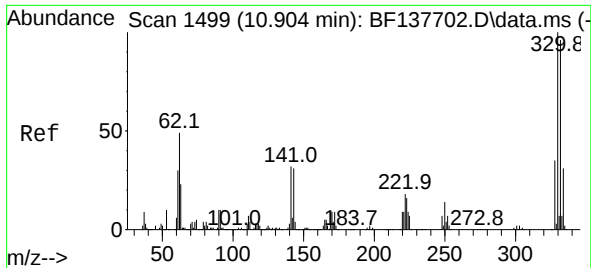
Ion Ratio Lower Upper

164 100

162 101.0 80.3 120.5

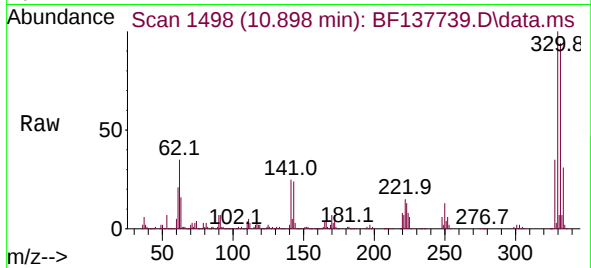
160 43.6 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 104.944 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

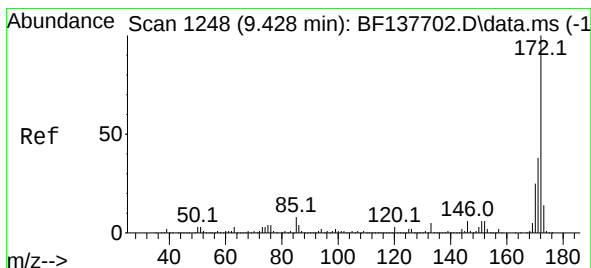
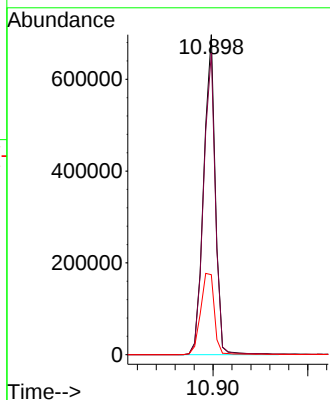
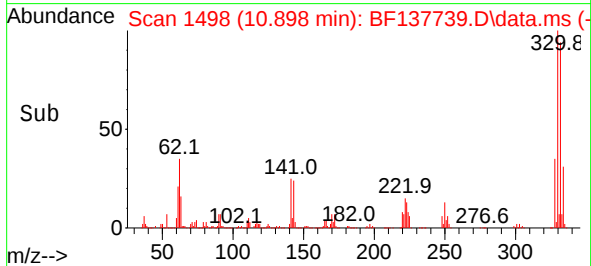
Instrument :
BNA_F
ClientSampleId :
RT-3860



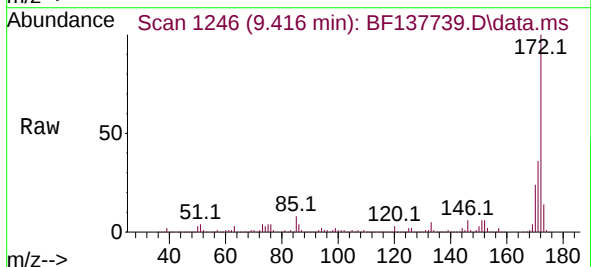
Tgt Ion:330 Resp: 59180
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.2 27.0 40.4

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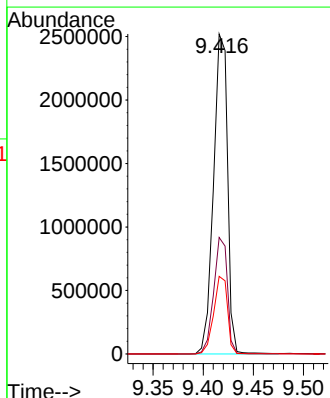
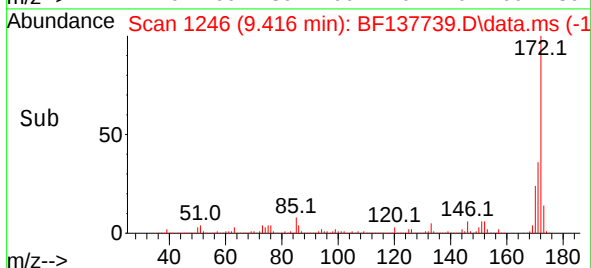
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

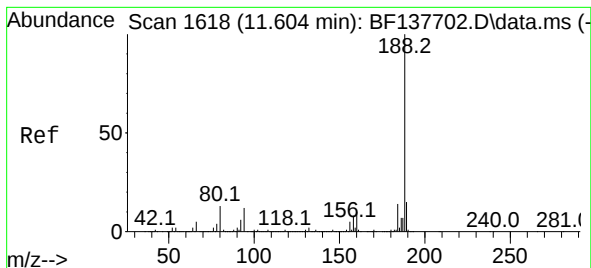


#45
2-Fluorobiphenyl
Concen: 65.645 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21



Tgt Ion:172 Resp: 2455184
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.4
170 24.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Instrument :

BNA_F

ClientSampleId :

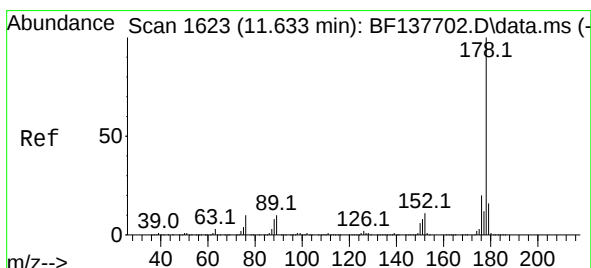
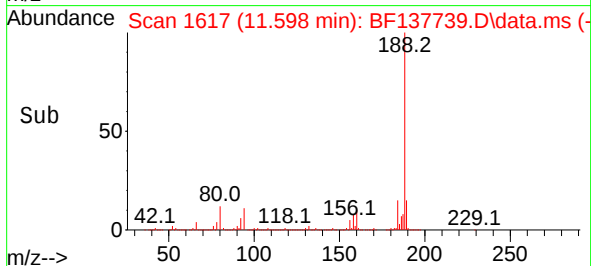
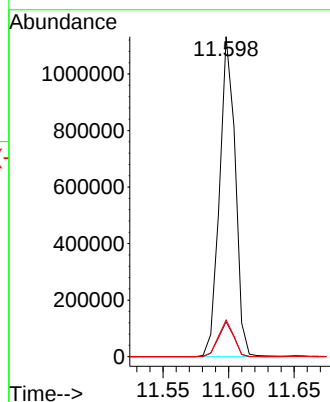
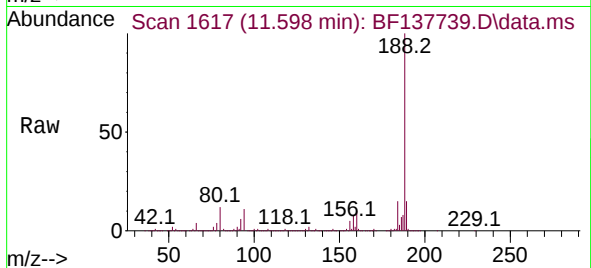
RT-3860

Tgt Ion:188 Resp: 94349
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.5 10.2 15.4

Manual Integrations

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 Supervised By :mohammad ahmed 04/30/2024



#71

Phenanthrene

Concen: 4.204 ng

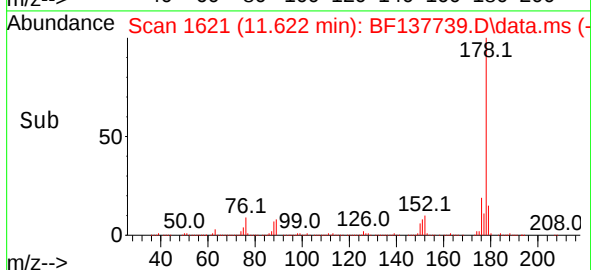
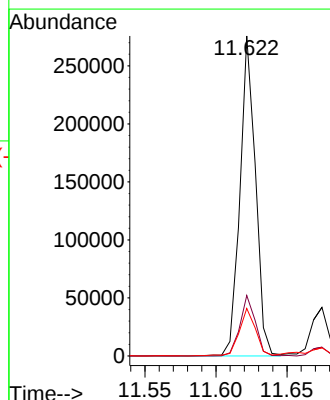
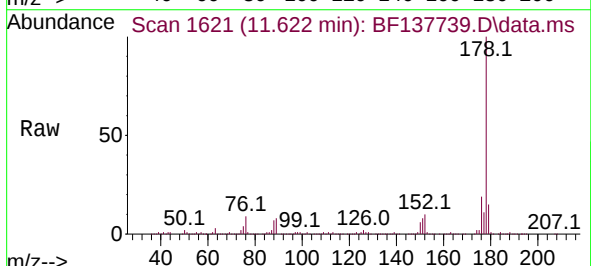
RT: 11.622 min Scan# 1621

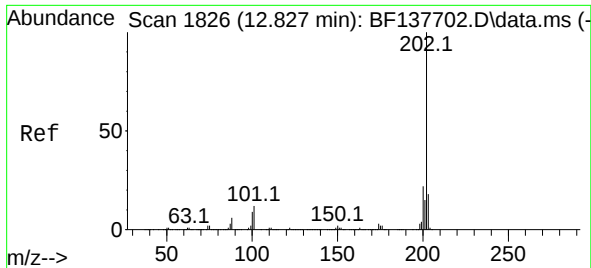
Delta R.T. -0.012 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

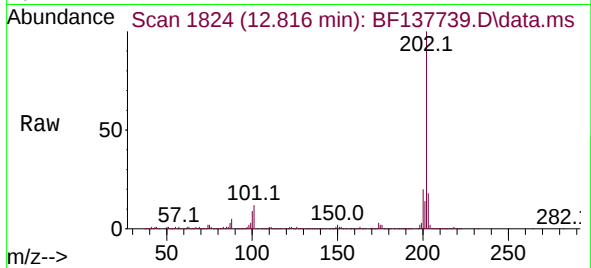
Tgt Ion:178 Resp: 209981
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.4 24.6
 179 14.9 12.8 19.2





#75
Fluoranthene
Concen: 7.463 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

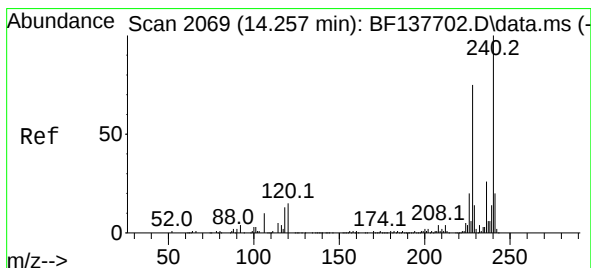
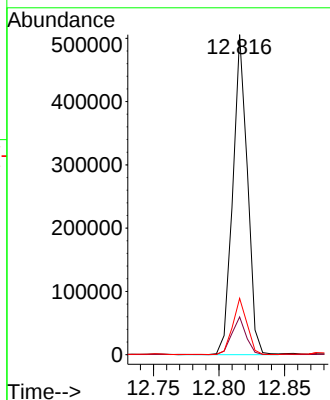
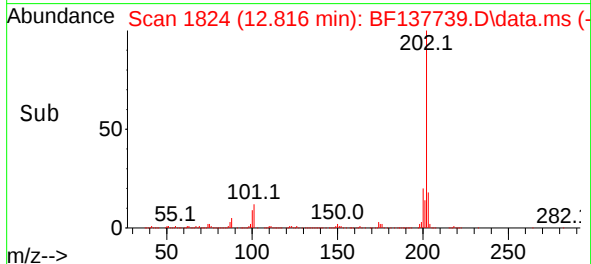
Instrument :
BNA_F
ClientSampleId :
RT-3860



Tgt Ion:202 Resp: 391759
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 17.6 0.0 38.1

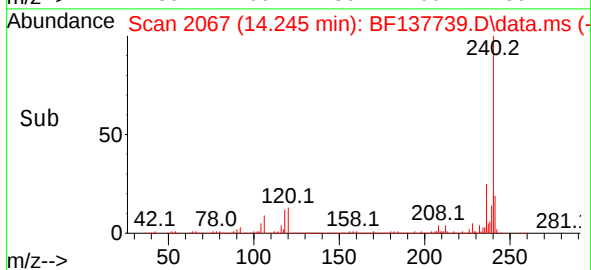
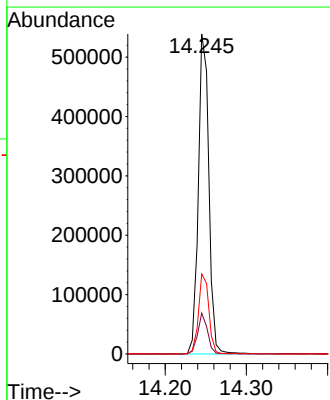
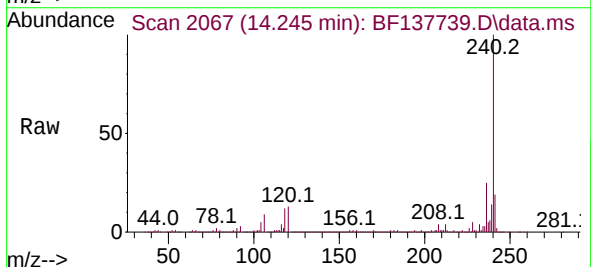
Manual Integrations
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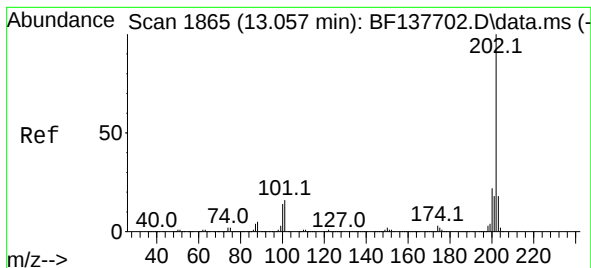
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.012 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

Tgt Ion:240 Resp: 487546
Ion Ratio Lower Upper
240 100
120 12.8 11.9 17.9
236 25.0 20.8 31.2





#78

Pyrene

Concen: 6.797 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.012 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Instrument :

BNA_F

ClientSampleId :

RT-3860

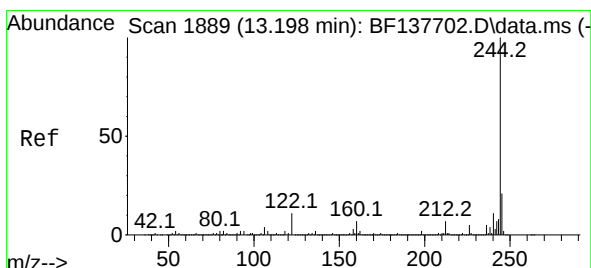
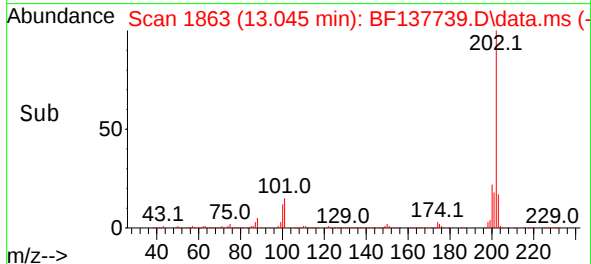
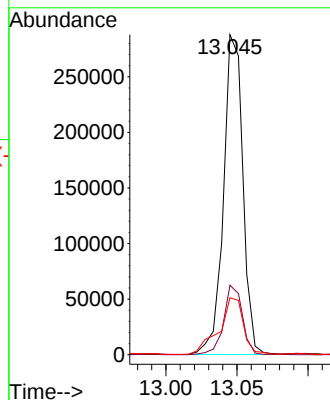
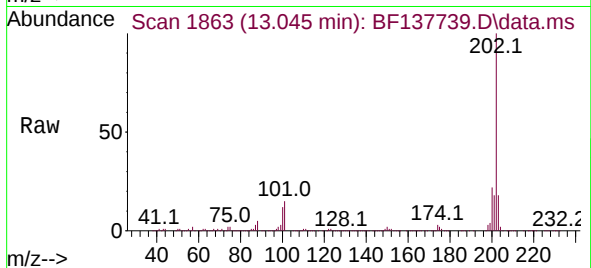
Tgt Ion:202 Resp: 271994

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.8	14.6	21.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 83.300 ng

RT: 13.186 min Scan# 1887

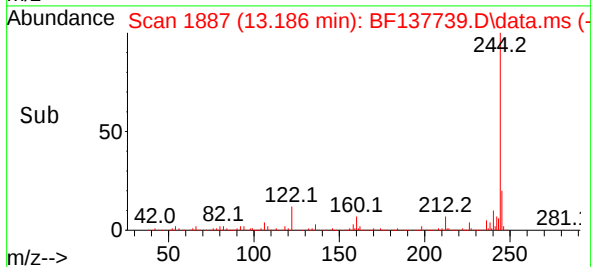
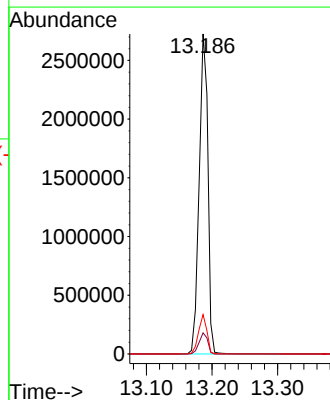
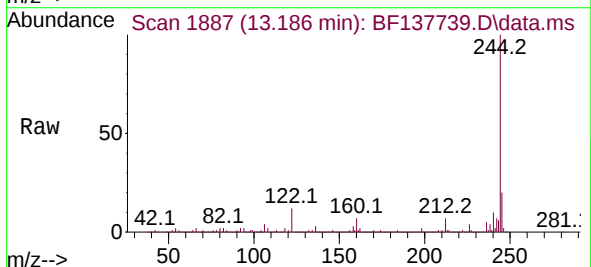
Delta R.T. -0.012 min

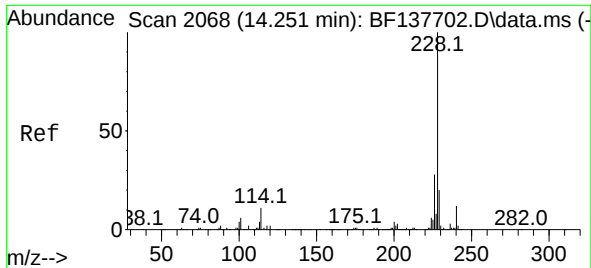
Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Tgt Ion:244 Resp: 2523216

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	12.3	8.8	13.2





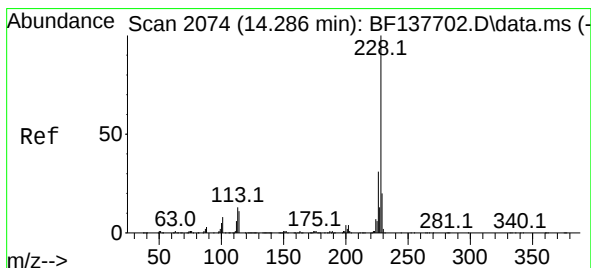
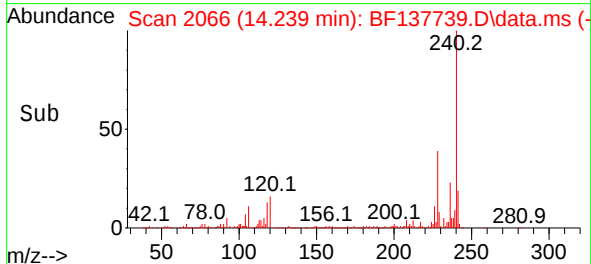
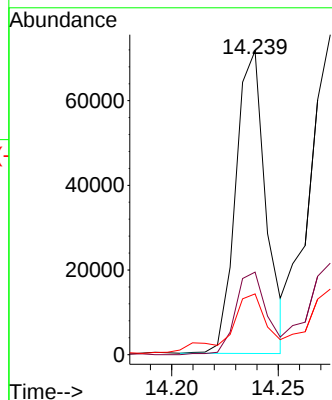
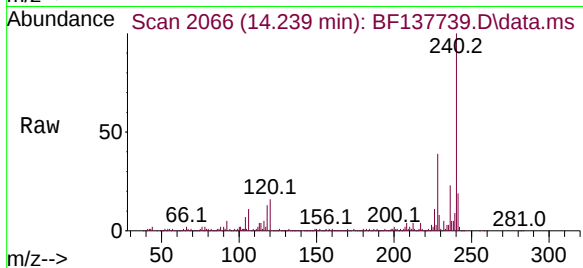
#81
Benzo(a)anthracene
Concen: 2.073 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

Instrument :
BNA_F
ClientSampleId :
RT-3860

Tgt Ion:228 Resp: 70509
Ion Ratio Lower Upper
228 100
226 27.2 22.7 34.1
229 20.0 16.0 24.0

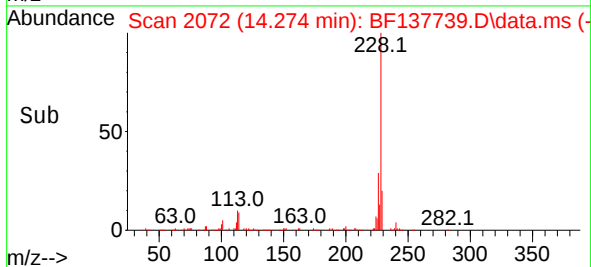
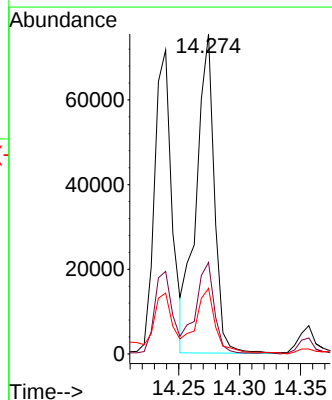
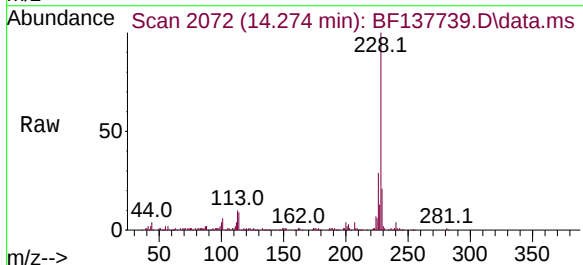
Manual Integrations
APPROVED

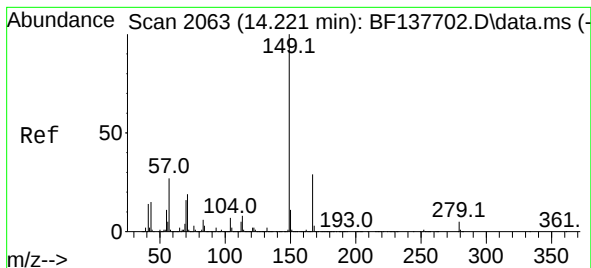
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#83
Chrysene
Concen: 2.463 ng
RT: 14.274 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BF137739.D
Acq: 26 Apr 2024 17:21

Tgt Ion:228 Resp: 78245
Ion Ratio Lower Upper
228 100
226 28.6 24.7 37.1
229 20.5 16.2 24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.889 ng

RT: 14.210 min Scan# 2063

Delta R.T. -0.012 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Instrument :

BNA_F

ClientSampleId :

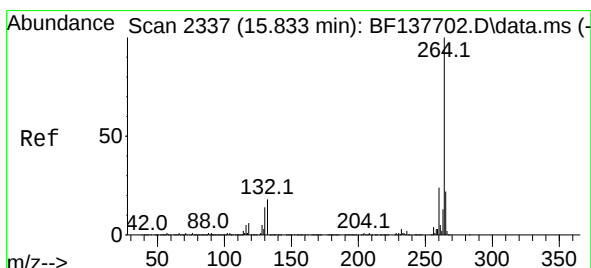
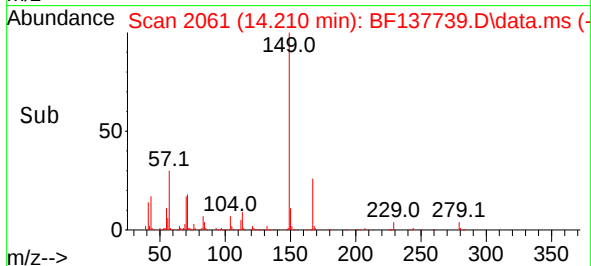
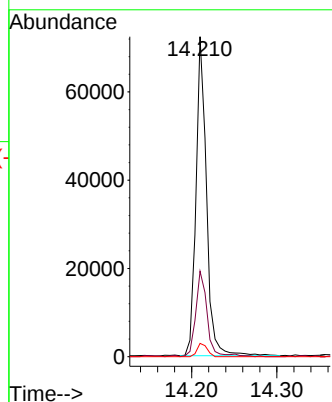
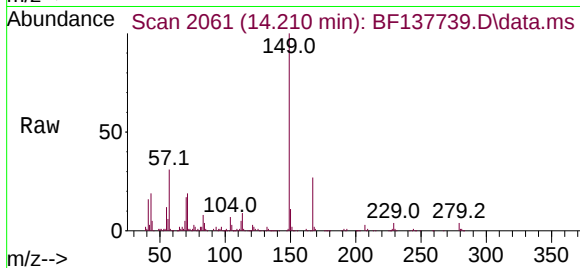
RT-3860

Tgt Ion:149	Resp:	61924
Ion Ratio	Lower	Upper
149	100	
167	26.7	23.4 35.0
279	4.1	4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#86

Perylene-d12

Concen: 20.000 ng

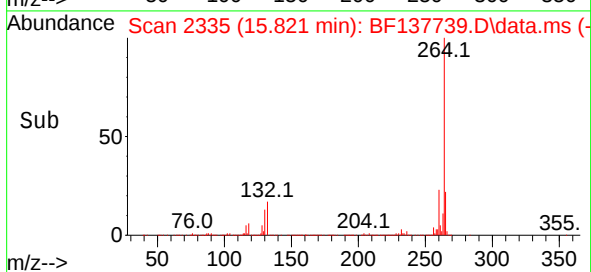
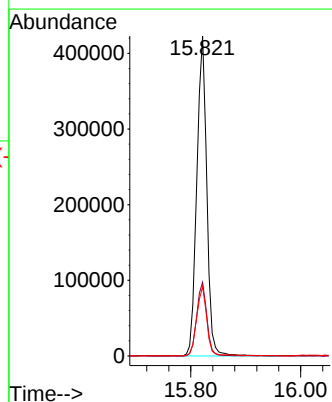
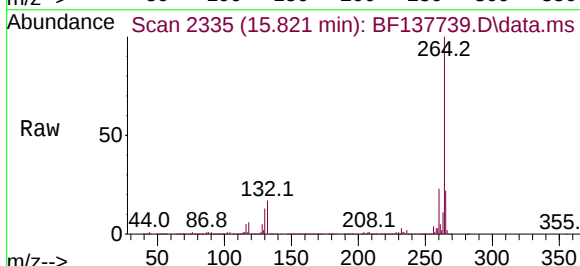
RT: 15.821 min Scan# 2335

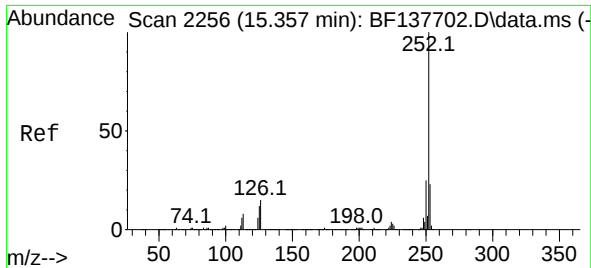
Delta R.T. -0.012 min

Lab File: BF137739.D

Acq: 26 Apr 2024 17:21

Tgt Ion:264	Resp:	535412
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.4 29.2
265	21.7	17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.246 ng m

RT: 15.345 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137739.D

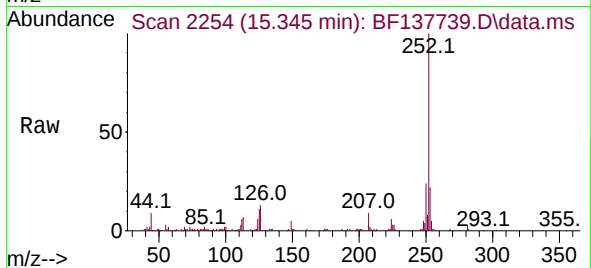
Acq: 26 Apr 2024 17:21

Instrument :

BNA_F

ClientSampleId :

RT-3860



Tgt Ion:252 Resp: 76960

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024

